



Satellite Laser Ranging Concept Review

Welcome
John Martin

Goddard Space Flight Center
Greenbelt, Maryland
July 26, 2004



Morning Session



Satellite Laser Ranging Concept Review Building 12, Room E-231 July 26, 2004 9:00 a.m.-12:00 p.m.

| | | |
|--|---------------|----------------|
| Welcome | John Martin | 5 min. |
| NASA Vision for a Laser System, Science Objectives & Requirements | David Smith | 60 min. |
| Current SLR Network | David Carter | 20 min. |
| Break | | 15 min. |
| Experience Incorporated into Replacement System | | |
| Part I | Tom Zagwodzki | 25 min. |
| Part II | Jan McGarry | 20 min. |
| Operations Strategy | Jan McGarry | 15 min. |
| Proposed Replacement System | Tom Zagwodzki | 20 min. |



Afternoon Session



Satellite Laser Ranging Concept Review
Building 12, Room E-231
July 26, 2004
1:00 p.m. – 3:00 p.m.

| | | |
|---------------------------------|-------------|---------|
| Acquisition Approach | John Martin | 30 min. |
| SLR Replacement Schedule & Cost | Jan McGarry | 30 min. |
| Programmatic risks and issues | John Martin | 15 min. |
| Discussion & Conclusion | | 45 min. |



SLR Replacement Review Panel Membership



➤ **Dr. Lucia Tsaoussi – Chair**

- Deputy Division Director, Research Division Office of Earth Science, NASA Hq.

➤ **Dr. Brad Boone**

- Johns Hopkins University Applied Physics Laboratory

➤ **Dr. Werner Gurtner**

- Astronomical Institute, University of Berne, Switzerland

➤ **Dr. Thomas Herring**

- Department of Earth, Atmospheric and Planetary Sciences
Massachusetts Institute of Technology

➤ **John Rush**

- GPS Navigation Systems, NASA Headquarters



SLR Replacement Review Panel Charter



- **Determine soundness of approach**
 - Major features
 - Flexibility to accommodate future performance requirements
- **Assess proposed scientific capability**
- **Assess feasibility of development and production schedule**
- **Assess reasonableness of proposed cost**
- **Provide comments using “Request For Action” forms**



RFA Example



➤ RFAs

- Submitted by review panel
- May be written by the audience, but provide sufficient info so at least 1 panel member understands your intent ion writing the RFA
- Review Panel will sort, consolidate or eliminate RFAs as they feel appropriate

| REQUEST FOR ACTION (RFA) | | | |
|---|-------------------------------|-----------------------------------|---------------------------------|
| 1. Review Type SLR Concept Review | 2. RFA No. | 3. Review Date July 26, 2004 | |
| 4. Title | | | |
| 5. Action | | | |
| <div>Reference</div> <div>[enter point-of-reference, during review, where RFA originated]</div> | | | |
| 6. Originator/Organization/Telephone No./E -mail | | | |
| 7. Assigned To/Organization/Telephone No./E -mail | | | Due Date |
| 8. Response | | | |
| 9. Response By/Organization/Telephone No./E -mail | | | Date Prepared |
| 10. Originator Contacted | <input type="checkbox"/> No | <input type="checkbox"/> Yes | Date |
| 11. Disposition | <input type="checkbox"/> Open | <input type="checkbox"/> Deferred | <input type="checkbox"/> Closed |
| 12. Comments | | | |
| 13. Approval | | | |
| | | Chairperson | Date |



Logistics



- **Restrooms**
 - Center section of building, where north wing joins the east wing
- **Water fountains**
 - Near the rest rooms
 - Near north end of N100 wing
 - Near east end of E200 wing
- **Public telephone**
 - Near front entrance, ground floor
- **Junk food**
 - Center section, first floor, through stairwell toward loading dock
- **Other Questions**
 - Raeann Lowman, John Martin or Paul McCeney